AMENDMENTS TO THE CLAIMS:

Claim 1. (Currently amended) A power-saving task processing system comprising:

~~(a)~~ a remaining power detector for detecting a remaining power of a battery; the remaining power detector outputting a detection result about a value or state of the remaining power of the battery;

~~(b)~~ a motion information-storage for storing a motion information table; the motion information table defining a relationship between values or states of the remaining power of the battery on execution of a task and a plurality of processes for said task, each of the plurality of processes corresponding to a different value or state of the remaining power of the battery and for which complete execution is ensured at the respective values or states of the remaining power of the battery; and

~~(c)~~ a task controller for controlling execution of tasks to be executed; wherein when the task controller executes a task, the task controller chooses and executes one of the plurality of processes from the motion information table according to the detection result of the remaining power detector.

Claim 2. (Currently amended) The system according to claim 1,

wherein an additional motion information table is stored in the motion information storage; and

wherein the additional motion information table defines a relationship between values or states of the remaining power of the battery on execution of a task and a repetition frequency of

each of the plurality of processes ~~a process~~ for which complete execution is ensured at the respective values or states of the remaining power of the battery.

Claim 3. (Currently amended) The system according to claim 1, wherein the motion information table includes a relationship between the values or states of the remaining power of the battery on execution of a task and a repetition frequency of each of the plurality of processes at the respective values or states of the remaining power of the battery.

Claim 4. (Currently amended) A power-saving task processing system comprising:

~~(a)~~ a remaining power detector for detecting a remaining power of a battery; the remaining power detector outputting a detection result about a value or state of the remaining power of the battery;

~~(b)~~ a motion information storage for storing a motion information table; the motion information table defining a relationship between values or states of the remaining power of the battery on execution of a task and repetition frequency values for each of a plurality of processes for the ~~of a~~ task for which complete execution of a corresponding one of the plurality of processes is ensured at the respective values or states of the remaining power of the battery; and

~~(c)~~ a task controller for controlling execution of tasks to be executed; wherein when the task controller executes a task, the task controller chooses and executes one of the plurality of processes from the motion information table according to the detection result of the remaining power detector.

Claim 5. (Currently amended) A power-saving task processing method comprising ~~the steps of~~:

~~(a)~~ monitoring a remaining power of a battery to output a monitoring result about a value or state of the remaining power of the battery;

~~(b)~~ providing a motion information table; the motion information table defining a relationship between values or states of the remaining power of the battery on execution of a task and a plurality of processes for the task, each of the plurality of processes corresponding to a different value or state of the remaining power of the batter and for which complete execution is ensured at the respective values or states of the remaining power of the battery; and

~~(c)~~ controlling execution of tasks to be executed; wherein, when a task is executed, one of the plurality of processes is chosen and executed from the motion information table according to the monitoring result of the remaining power detector.

Claim 6. (Currently amended) The method according to claim 5, wherein monitoring the remaining batter power further comprises monitoring a relationship between values or states of the remaining power of the battery on execution of a task and a repetition frequency of at least one of the plurality of processes ~~a process~~ for which complete execution is ensured at the respective values or states of the remaining power of the battery ~~is monitored in the step (a)~~.

Claim 7. (Currently amended) The method according to claim 5, wherein the motion information table includes a relationship between the values or states of the remaining power of

the battery on execution of a task and a repetition frequency of each of the plurality of processes at the respective values or states of the remaining power of the battery.

Claim 8. (Currently amended) A power-saving task processing method comprising ~~the steps of~~:

~~(a)~~ monitoring a remaining power of a battery to output a detection result about a value or state of the remaining power of the battery;

~~(b)~~ providing a motion information table; the motion information table defining a relationship between values or states of the remaining power of the battery on execution of a task and a repetition frequency values for each of a plurality of processes of a task for which complete execution is ensured at the respective values or states of the remaining power of the battery; and

~~(c)~~ controlling execution of tasks to be executed; wherein when a task is executed, one of the plurality of processes is chosen and executed from the motion information table according to the monitoring result of the remaining power detector.

Claim 9. (Currently amended) A computer program product having a computer readable medium and a computer program recorded thereon; the computer program being operable for power-saving task processing, the product comprising:

~~(a)~~ code that monitors a remaining power of a battery to output a monitoring result about a value or state of the remaining power of the battery;

~~(b)~~ code that provides a motion information table; the motion information table defining a

relationship between values or states of the remaining power of the battery on execution of a task and a plurality of processes for each task, each of the plurality of processes corresponding to a different value or state of the remaining batter power and for which complete execution is ensured at the respective values or states of the remaining power of the battery; and

~~(c)~~ code that controls execution of tasks to be executed; wherein when a task is executed, one of the plurality of processes is chosen and executed from the motion information table according to the monitoring result of the remaining power detector.

Claim 10. (Currently amended) The product according to claim 9, wherein the code that monitors a remaining battery power comprises a code that monitors a relationship between values or states of the remaining power of the battery on execution of a task and a repetition frequency of a process for which complete execution is ensured at the respective values or states of the remaining power of the battery ~~is monitored in the step (a)~~.

Claim 11. (Currently amended) The product according to claim 9, wherein the motion information table includes a relationship between the values or states of the remaining power of the battery on execution of a task and a repetition frequency of each of the plurality of processes at the respective values or states of the remaining power of the battery.

Claim 12. (Currently amended) A computer program product having a computer readable medium and a computer program recorded thereon; the computer program being operable for

power-saving task processing, the product comprising:

~~(a)~~ code that monitors a remaining power of a battery to output a detection result about a value or state of the remaining power of the battery;

~~(b)~~ code that provides a motion information table; the motion information table defining a relationship between values or states of the remaining power of the battery on execution of a task and a repetition frequency values of each of a plurality of processes of a task for which complete execution is ensured at the respective values or states of the remaining power of the battery; and

~~(c)~~ code that controls execution of tasks to be executed; wherein when a task is executed, one of the plurality of processes is chosen and executed from the motion information table according to the monitoring result of the remaining power detector.

Claim 13. (New) The system of claim 1, wherein a content of each of the plurality of processes differs according to the detected remaining power.

Claim 14. (New) The system of claim 1, wherein each of the plurality of processes progressively define alternate content requiring less power consumption for completing said task.

Claim 15. (New) The system of claim 1, wherein an amount of content of each of the plurality of processes corresponds to the amount of detected remaining power.

Claim 16. (New) The system of claim 1, wherein said motion information table further

comprises a repetition frequency for each of the plurality of processes.

Claim 17. (New) The system of claim 16, wherein the repetition frequency determines a number of times that a corresponding one of the plurality of processes is executed in a predetermined amount of time.

Claim 18. (New) The system of claim 16, wherein the repetition frequency determines a number of times that a corresponding one of the plurality of processes is executed each time a corresponding task is instructed.

Claim 19. (New) A power-saving task processor comprising:

a remaining power detector that detects a remaining power of a battery and outputs a detection result based upon the detected remaining power of the battery;

a motion information table comprising a plurality of processes for a task, each of the plurality of processes corresponding to a different remaining power of the battery; and

a task controller that selects between one of the plurality of processes for the task based upon the detected remaining power of the battery.

Claim 20. (New) The processor of claim 19, wherein the content of each of the plurality of processes differs according to the detected remaining power.

Claim 21. (New) The processor of claim 20, wherein the amount of content of each of the plurality of processes corresponds to the amount of detected remaining power.

Claim 22. (New) The processor of claim 19, wherein said motion information table further comprises a repetition frequency for each of the plurality of processes.

Claim 23. (New) The processor of claim 22, wherein the repetition frequency determines the number of times that a corresponding one of the plurality of processes is executed in a predetermined amount of time.

Claim 24. (New) The processor of claim 22, wherein the repetition frequency determines the number of times that a corresponding one of the plurality of processes is executed each time the corresponding task is instructed.